

Docket Number: 041283-0307631

PATENT APPLICATION

Client Reference: TO-US-1404

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of

MASAHIKO OOTORI, et al.

Group Art Unit: UNKNOWN

Application No.: UNKNOWN

Examiner: UNKNOWN

Filed: January 15, 2004

Confirmation No.: UNKNOWN

For: AIR CONDITIONER

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
Mail Stop Patent Application
P. O. Box 1450
Alexandria, VA 22313-1450

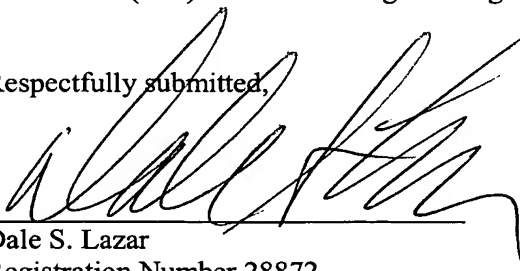
Sir:

Pursuant to 37 CFR 1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of the first Office Action on the merits in the present application. No certification or fee is required.

Relevance of the non-English language references is discussed in the present specification and/or the "Materials for Information Disclosure Statement (IDS)" sheets and English-language Abstract also attached hereto.

Respectfully submitted,



Dale S. Lazar
Registration Number 28872

Date: January 15, 2004
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Materials for Information Disclosure Statement (IDS)

The followings are materials for IDS given from the applicant as BACKGROUND ART INFORMATION, which is enclosed
5 herewith, for the preparation of the IDS to be filed before the U.S.P.T.O.

1. Japanese Patent Laid-open (KOKAI) Publication No. SHO
63-58051

Published: March 12, 1988

10 Filed: August 29, 1986 (Application No. 203353/1986)

Applicant: KABUSHIKI KAISHA TOSHIBA

Inventors: N. KAWAI et al.

Title of Invention: Air Conditioner

This discloses an air conditioner in which a maximally
15 allowable operation frequency of the capacity variable compressor, which is variably driven by an inverter, is controlled and set in response to an outdoor temperature detected by an outdoor temperature detector.

According to such air conditioner, the maximally allowable
20 operation frequency, i.e., revolution number, of the compressor corresponding to the air conditioning load can be set based on the outdoor temperature. In the described known technology, the maximally allowable operating frequency, i.e., revolution number, was set and stored uniformly, as a stationary value at an
25 assembling time, in memory means such as ROM in accordance with the outdoor temperature.

2. Japanese Patent No. 3346616

Patented: September 6, 2002

Filed: October 7, 1993 (Application No. 251756/1993

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Applicant: MITSUBISHI DENKI KABUSHIKI KAISHA

Inventors: Y. ONO et al.

Title of Invention: Control Device of Air Conditioner

This discloses an air conditioner including a
communication means between an indoor unit and an outdoor
10 unit provided with memory means such as EEPROM (electrically
erasable programmable read-only memory) storing control data
responding to different, i.e., four, kinds of machines. The outdoor
unit includes a control circuit selecting the control data based on
the machine kind data from an indoor unit to thereby commonly
15 use the indoor unit or outdoor unit responding to different kinds
of machines.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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of

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Examiner: UNKNOWN

Group Art Unit: UNKNOWN

U.S. PATENT DOCUMENTS

Examiner's Initials*		Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
	AR						
	BR						
	CR						
	DR						
	ER						
	FR						
	GR						
	HR						
	IR						
	JR						
	KR						
	LR						
	MR						
	NR						

FOREIGN PATENT DOCUMENTS

		Document Number	Date MM/YYYY	Country	Inventor Name	English Abstract		Translation Readily Available	
						Enclosed	No	Enclose	No
	OR	63-58051	03/1988	Japan	Kawai	X			X
	PR	3346616	09/2002	Japan	Ono et al.	X			X
	QR								
	RR								
	SR								
	TR								
	UR								
	VR								
	WR								
	XR								

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

	YR								
	ZR								
	AAR								
	BBR								
	CCR								
	DDR								

Examiner

Date Considered:

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.